Index of Claims

| Application/ | Control No. |
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10/533,476 Examiner

Anthony J. Green

Applicant(s)/Patent under Reexamination

PIASTRA ET AL.

Art Unit

1755

| <b>4</b> | Rejected |
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|          | Allowed  |

| - | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

| F        |          |  |                |  |                |              |              |              |          |   |           |          | _            |              |                |              |          |          |          |   |
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| Claim    | Ь.       |  | _              | [  | Date           | 9            |              |              |          |   | Cla       | aim      | <u> </u>     | _            |                |              | Date     | e        |          | _ |
| Final    | 5/11/06  |  |                |  |                |              |              |              |          |   | Final     | Original |              |              |                | :            |          |          |          |   |
| 1        | 1        |  |                |  |                |              |              |              |          |   |           | 51       |              |              |                |              |          |          |          | t |
| 2        | 1        |  | Τ              |  |                |              |              |              |          |   |           | 52       |              |              |                |              |          | <u> </u> |          | t |
| 3        | 1        |  | П              | Г  |                |              |              |              |          |   |           | 53       |              |              |                |              |          |          |          | T |
| 4        | 1        |  |                | Г  |                |              |              | П            |          |   |           | 54       |              | _            |                |              |          |          |          | t |
| 5        | 1        |  |                |  |                |              |              |              |          |   |           | 55       |              |              |                | Π            |          |          |          | T |
| 6        | 1        |  |                |  |                |              |              |              |          |   |           | 56       |              |              |                |              |          |          |          | T |
| 7        | 1        |  |                |  |                |              |              |              |          |   |           | 57       |              |              |                |              |          |          |          | Γ |
| 8        | 1        |  |                |  |                |              |              |              |          |   |           | 58       |              |              |                |              |          |          |          | Γ |
| 9        | 1        |  |                |  |                |              |              |              |          |   |           | 59       |              |              |                |              |          |          |          | Γ |
| 10       | ~        |  |                |  |                |              |              |              |          |   |           | 60       |              |              |                |              |          |          |          | Γ |
| 11       | 1        |  |                | $oxed{oxed}$                                     |                |              |              |              |          |   |           | 61       | ÷            |              |                |              |          |          |          | Γ |
| 12       | ٧        |  |                |  |                |              |              |              |          |   |           | 62       |              |              |                |              |          |          |          | Γ |
| 13       | 1        | L  | _              | <u> </u>   |                |              |              |              |          |   |           | 63       |              |              |                |              |          |          |          | I |
| 14       |          |  |                |  |                |              | L            |              |          |   |           | 64       | ,            |              |                |              |          |          |          |   |
| 15       |          |  | 乚              |  |                |              |              |              |          |   |           | 65       | j            |              |                |              |          |          |          |   |
| 16       |          | L  | _              | L  |                |              |              |              |          |   |           | 66       |              |              |                |              |          |          |          | L |
| 17       |          | L_   | _              |  |                |              |              | L            |          |   |           | 67       |              |              |                |              |          | <u> </u> |          | L |
| 18       |          | L  |                |  |                |              |              | L            |          |   |           | 68       |              |              |                |              |          |          |          | L |
| 19       |          |  |                | L  |                |              |              |              |          |   |           | 69       |              |              |                |              |          |          |          |   |
| 20       |          | L  | 乚              |  |                |              |              | L            |          |   |           | 70       |              |              |                |              |          |          |          | L |
| 21       |          |  |                |  |                | _            |              |              |          |   |           | 71       |              |              |                |              |          |          |          | L |
| 22       | _        | L.   |                |  |                |              |              |              | <u> </u> |   |           | 72       |              |              |                | L            |          |          |          | L |
| 23       |          |  |                |  |                | L            |              |              |          |   |           | 73       |              |              |                | _            |          |          | L        | L |
| 24       | L        |  | _              | L_   |                | <u> </u>     |              | 匚            | L        |   |           | 74       |              |              |                |              |          |          |          | L |
| 25       | L        | ļ  | $oxed{oxed}$   |  |                | oxdot        |              | <u> </u>     | _        |   |           | 75       | L            |              |                | _            |          |          | L        | L |
| 26       |          | L  | <u> </u>       | <u> </u>   |                | _            |              | L            | _        |   |           | 76       | _            |              | <u> </u>       |              | <u> </u> | _        | <u> </u> | L |
| 27       |          | _  | <u> </u>       | L  | _              | _            | _            | _            | _        |   |           | 77       | _            |              | L_             | _            | <u> </u> | _        | <u> </u> | Ļ |
| 28       | <u> </u> | <u> </u>   | Ŀ              | L_   | L              | <u> </u>     | _            | L            | L        |   |           | 78       | L            | _            | _              | _            | L        | L        | L        | Ļ |
| 29       | ļ.,      | <u> </u>   | _              | <u> </u>   | <u> </u>       | _            | _            | _            |          |   |           | 79       | L            |              |                |              |          | L.       | L.       | ļ |
| 30       | ļ.,      | ļ.,  |                | <u> </u>   | <u> </u>       | L            | L            |              | _        |   |           | 80       | L            |              | <u> </u>       |              | _        | L        | _        | ļ |
| 31       |          | ┕  | ļ.,            | <u> </u>   | _              | <u> </u>     | <u> </u>     | <u> </u>     | _        |   |           | 81       | L_           |              | <u> </u>       |              | _        | L        | L        | ļ |
| 32       | _        | _  |                | _  | _              | _            | <u> </u>     | 匚            | _        |   |           | 82       | _            |              | _              | <u> </u>     |          | _        | <u> </u> | Ļ |
| 33       | <b>├</b> | <u> </u>   | <u> </u>       | <u> </u>   | <u> </u>       |              | L            | _            | _        |   |           | 83       | L            | _            | _              | _            | <u> </u> | <u> </u> | <u> </u> | Ļ |
| 34       | ╄        | ├  | ├              | <u> </u>   | <u> </u>       | <del> </del> | <u> </u>     | <u> </u>     | <u> </u> |   |           | 84       | ⊢            | _            | ⊢              | <u> </u>     |          | ⊢        | $\vdash$ | 1 |
| 35       |          | ├-   | <del> </del>   | <del>                                     </del> | <u> </u>       | <del> </del> | $\vdash$     | <u> </u>     | $\vdash$ |   |           | 85       | <b> </b>     | <u> </u>     | $\vdash$       | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | + |
| 36       | ⊢        | <del>  -</del>                                   | <del> </del>   | <del> </del>                                     | <del> </del> — | <del> </del> | ├            | <del> </del> | <u> </u> |   |           | 86       | <u> </u>     | -            | <del>  -</del> | <del> </del> | ₩        | ⊢        | ⊢        | + |
| 37       | $\vdash$ | ⊢  | ⊢              | <del> </del>                                     | <del> </del>   | ├            | ├            | $\vdash$     | <u> </u> |   |           | 87       | ├-           | <u> </u>     | ├              | <u> </u>     |          | ├-       | ₩        | ╀ |
| 38       | ⊢        | <u> </u>   | <del> </del>   | $\vdash$   | <del>  -</del> | <u> </u>     | $\vdash$     | <u> </u>     | -        |   |           | 88       | -            | -            | $\vdash$       | ├            | $\vdash$ | $\vdash$ | $\vdash$ | ╀ |
| 39       | $\vdash$ | $\vdash$   | <u> </u>       | ⊢-   |                | ├-           | -            | ├-           | ├        |   |           | 89       | -            | ├            | ⊢              | ⊢            | ⊢-       | ├-       | $\vdash$ | + |
| 40       | $\vdash$ | <del>                                     </del> | <del> </del>   | <u> </u>   | ├-             | ⊢            | -            | ├-           | $\vdash$ |   | -         | 90       | ├-           | -            | ├-             | -            | ├-       | ⊢        |          | ╀ |
| 41       | ╁        | ├  | <del> </del> — | ⊢  | ⊢              | $\vdash$     | ├-           | ├—           | ├-       |   |           | 91       | -            | <u> </u>     | ├              | ⊢            | ├-       | ├        | ├        | ╀ |
| 42       | ╀        | ├  | <del> </del>   | $\vdash$   | <u> </u>       | $\vdash$     | ├-           | ├            | ├—       |   |           | 92       | <del> </del> | -            | ├-             | ├            | ├-       | ⊬        | ₩        | ╀ |
| 43       | $\vdash$ | $\vdash$   | ├-             | <del> </del>                                     | <del> </del>   | -            | $\vdash$     | ├-           | ├        |   |           | 93       | <u> </u>     | <del> </del> | ⊢              | ├-           | -        | -        | ├-       | + |
| 44       | ╀        | $\vdash$   | $\vdash$       | -  | <del> </del>   | ├-           |              | -            | ├        |   | _         | 94       | $\vdash$     | _            | <del> </del>   | ├-           |          | ├-       | ├-       | ╀ |
| 45<br>46 | ╀╌       | -  | ├-             | ⊢  | ├              | ⊢            | -            | -            | ├        |   |           | 95<br>96 | ├            | -            | -              | ├-           | -        | ├        | ⊬        | + |
| 46       | ╀        | $\vdash$   | ⊢              | -  |                | -            | <del> </del> | ├            | -        |   |           | 96       | ⊢            | <u> </u>     | -              | $\vdash$     | -        | $\vdash$ | ╁        | + |
| 48       | +        | $\vdash$   | ⊢              | ├-   | -              | $\vdash$     |              | ├            | ├-       | { |           |          | $\vdash$     | <del> </del> | ├-             | $\vdash$     | ├-       | ├        | ╁        | + |
| 48       | +-       | ├  | ⊢              | -  | -              | $\vdash$     | -            | -            | -        |   | L         | 98<br>99 | <del> </del> | $\vdash$     | $\vdash$       | $\vdash$     |          | -        | ├-       | ╀ |
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| Final       | Original             |  |  |              |  |              |  |          |  |          |
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| <b></b>     | 51                   |  | -  | $\vdash$     | -  |              |  |          | $\vdash$   | -        |
| -           | 52<br>53<br>54       | -  | -  | <del> </del> | $\vdash$   | $\vdash$     | Н  | -        | -  | -        |
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| -           | 55                   | -  | _  | _            | $\vdash$   | $\vdash$     | $\vdash$   |          | $\vdash$   |          |
| -           | 55<br>56             | $\vdash$   |  | ├            |  | -            | H  | _        | $\vdash$   | -        |
| -           | 57                   | $\vdash$   | -  | $\vdash$     |  | -            | -  |          | $\vdash$   | $\vdash$ |
| -           | 57                   | -  |  | $\vdash$     | $\vdash$   | _            |  | _        |  |          |
|             | 58<br>59             | H  |  | H            | -  | -            |  |          |  | -        |
| -           | 60                   | -  | -  |              | -  | $\vdash$     | $\vdash$   | -        | $\vdash$   | -        |
| <b>—</b>    | 61                   |  |  | -            |  |              |  |          | -  | -        |
| <del></del> | 61<br>62             | H  | $\vdash$   | $\vdash$     | $\vdash$   | -            |  | -        | $\vdash$   | _        |
|             | 63                   | $\vdash$   |  | $\vdash$     |  | $\vdash$     |  |          |  |          |
| <b>-</b>    | 64                   | $\vdash$   |  | $\vdash$     | H  | $\vdash$     | $\vdash$   |          | $\vdash$   | $\vdash$ |
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| <u> </u>    | 66                   | H  |  | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | ⊢        |
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|             | 68                   | $\vdash$   |  | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$   | -        | $\vdash$   |          |
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| -           | 72                   | $\vdash$   |  | $\vdash$     | $\vdash$   | <del> </del> | -  | -        | -  | <b></b>  |
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| -           | 72<br>73<br>74<br>75 | -  | -  |              | $\vdash$   | $\vdash$     | $\vdash$   |          | $\vdash$   |          |
| <b>—</b>    | 75                   | H  | $\vdash$   | ⊢            | $\vdash$   | $\vdash$     | Н  | Н        | $\vdash$   |          |
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| <del></del> | 77                   |  | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$     | H  | $\vdash$ | <del>                                     </del> | -        |
|             | 78                   | $\vdash$   | <del>                                     </del> | ├            | $\vdash$   | $\vdash$     |  |          | $\vdash$   |          |
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|             | 80                   | $\vdash$   |  | $\vdash$     |  |              |  |          |  | $\vdash$ |
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|             | 84                   | T  | T  | T            | 1  | <u> </u>     |  | Г        | $\vdash$   | Г        |
|             | 85                   | Г  |  | T            | Т  |              | Г  | Г        | $\vdash$   | Г        |
|             | 86                   |  |  |              |  |              |  | $\Box$   |  |          |
|             | 87                   |  | Г  | Т            |  |              |  |          | Г  | Г        |
|             | 88                   |  | Π  |              |  |              |  |          | Г  | Г        |
|             | 89                   |  |  |              |  |              |  |          |  |          |
|             | 90                   |  |  | Γ            |  | T            |  |          | Γ  | Γ        |
|             | 91                   | T  |  |              | $\Box$   | T            |  |          |  |          |
|             | 92                   | Π  |  | T-           | Г  |              | Γ  |          | Г  | Г        |
|             | 93                   | Π  | T  | Γ            | Г  | Г            | Г  | Г        | П  | Γ        |
|             | 94                   |  |  | Г            |  |              |  |          |  |          |
|             | 95                   | Г  |  | Г            | Π  |              | T  |          |  | Г        |
|             | 96                   |  |  |              | 1  |              |  |          |  | Г        |
|             | 97                   | Г  | $I^-$  |              | Г  | Γ            | $\Box$   |          | Г  | Γ        |
|             | 98                   |  |  |              | Г  | Γ            | Γ  | Г        | Γ  | Γ        |
|             | 99                   |  |  |              |  |              | Г  | Г        |  |          |
|             | 100                  | Г  | Γ  | Π            | 1  |              |  | Г        | $\Box$   |          |

| Cl    | aim               |          |  | -        |          | Date         | _            |              |            | $\neg$          |
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| Final | Original          |          |  |          |          |              |              |              |            |                 |
|       |                   |          |  |          |          |              |              |              |            | $\dashv$        |
|       | 101<br>102        |          | -                                      |          |          | Н            | _            | Н            | Н          | $\dashv$        |
|       | 103               | _        |  | -        | -        | Н            |              | -            | -          |                 |
|       | 104               |          | H                                      |          |          |              | -            | -            |            |                 |
|       | 105               |          |  | П        |          |              |              | П            |            |                 |
|       | 106               |          | _                                      |          |          |              |              |              |            |                 |
|       | 106<br>107        |          |  |          |          |              |              |              |            |                 |
|       | 108               |          |  |          |          |              |              |              |            |                 |
|       | 109<br>110        |          |  | Щ        |          | Ш            |              |              |            |                 |
|       | 110               |          |  |          |          |              |              |              |            |                 |
|       | 111<br>112<br>113 |          |  | Щ        |          | $\sqcup$     | _            | $\vdash$     |            | -               |
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|       | 114<br>115        |          |  |          |          |              |              |              |            |                 |
|       | 116               |          | _                                      |          |          |              |              | _            | -          | -               |
|       | 117               |          |  |          |          |              |              |              |            |                 |
|       | 117<br>118        |          |  |          |          |              |              |              |            | $\neg$          |
|       | 119               |          |  |          |          |              |              |              |            |                 |
|       | 120               |          |  |          |          |              |              |              |            |                 |
|       | 120<br>121<br>122 |          |  |          |          |              |              |              |            |                 |
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|       | 132               |          |  |          |          |              |              |              |            |                 |
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|       | 139               | -        | -                                      |          | _        | ┝            |              | $\vdash$     | _          | $\dashv$        |
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|       | 142               |          | Г                                      | Г        |          |              |              |              |            |                 |
|       | 143               |          |  |          |          |              |              |              |            |                 |
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|       | 146               | <u> </u> | <u> </u>                               | <u> </u> | L        | <u> </u>     | <u> </u>     | <u> </u>     | L          | $\square$       |
|       | 147               |          |  | <u> </u> | <u> </u> | <u> </u>     | <del> </del> | <del> </del> | <b> </b> - | $\vdash \vdash$ |
|       | 148<br>149        |          | -                                      | ├-       | -        | $\vdash$     | $\vdash$     | $\vdash$     | ├          | $\vdash \dashv$ |
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| l     | 130               | L        | L                                      | L _      |          |              |              | <u></u>      | L.         | لـــا           |